

MINUTES OF THE EXTRAORDINARY GENERAL BODY MEETING OF THE
BOMBAY NATURAL HISTORY SOCIETY

In requisition to a request made by 13 members in accordance with rule 29, an Extraordinary General Body Meeting of the Society was held on Wednesday, the 29th September 1982 at 6.30 p.m. at Coomaraswamy Hall in the Prince of Wales Museum when the following were present:

- | | |
|--------------------------|------------------------------------|
| 1. Mr Mahesh N. Sanzgiri | 30. Mr D. J. Panday (In the Chair) |
| 2. Mr Nitin Jamdar | 31. Mr Narayan Chhatbar |
| 3. Mr S. G. Monga | 32. Mr Sidney D'Souza |
| 4. Mr Oswald Thayil | 33. Mr K. N. Naoroji |
| 5. Mr Sudip D. Bhaumik | 34. Mr Anil Dave |
| 6. Mr Rishad Naoroji | 35. Mr D. S. Gaitonde |
| 7. Mrs Parveen Sisodia | 36. Miss S. G. Khadilkar |
| 8. Mr Hasan Tyabji | 37. Dr P. J. Deoras |
| 9. Mr J. P. Irani | 38. Mr Humayun Abdulali |
| 10. Mr Bansi Mehta | 39. Mr J. B. Dordi |
| 11. Mrs Panna Raiji | 40. Mr R. Holkar |
| 12. Mr V. N. Raiji | 41. Dr R. M. Naik |
| 13. Mr N. M. Mulla | 42. Mrs P. Mukherjee |
| 14. Mr Naresh Dutt | 43. Mr Parvish Pandya |
| 15. Mr K. D. Gokhale | 44. Mr Premchand Dabrai |
| 16. Mr Vasant Gandhi | 45. Mr M. R. Almeida |
| 17. Mr R. S. Moral | 46. Mr Dilip Patil |
| 18. Mr A. D. Kunte | 47. Miss Arati Kaikini |
| 19. Mr S. N. Mistry | 48. Mr Farhan Thakur |
| 20. Mr Y. K. Nagrath | 49. Mr M. D. Agharkar |
| 21. Mr P. R. Cama | 50. Mr Ulhas Rane |
| 22. Mr Jimmy Ollia | 51. Mr A. G. Nawalkar |
| 23. Mr R. E. Hawkins | 52. Mr K. K. Vajifdar |
| 24. Mr N. D. Mulla | 53. Mr A. G. Puranik |
| 25. Mr S. T. Tambe | 54. Mr Shashikumar Menon |
| 26. Mr D. N. Goenka | 55. Mr H. K. Divekar |
| 27. Miss Heta Pandit | 56. Miss M. M. Haribal |
| 28. Mr A. K. Joshee | 57. Mr S. R. Nayak |
| 29. Dr A.N.D. Nanavati | 58. Mr A.J.T. Johnsingh |
| | 59. Mrs S. M. Kothari |
| | 60. Miss Raina Potnis |
| | 61. Miss Nafisa Khapra |
| | 62. Mr J. C. Daniel |
| | 63. Miss Saber S. Driver |
| | 64. Mr S. A. Ruparel |
| | 65. Mr Vijay Porecha |
| | 66. Mr A. G. Patwardhan |

67. Mr Amir J. Ali
68. Mr Ram V. Jethmalani
69. Dr E. Sequeira
70. Dr Bipin Chandriani
71. Mr Ghansham L. Kalro
72. Mr S. P. Bavdekar
73. Mr V. James
74. Dr S. R. Amladi
75. Mr R. Sahgal
76. Mr Bittu Sahgal
77. Mr Kiran Srivastava
78. Mr G. C. Patel
79. Mr A. V. Ghangurde
80. Mr P. C. Gandhi
81. Mr Firoze Mistry
82. Dr C. V. Kulkarni
83. Dr Sálim Ali

Dr Salim Ali, the President of the Society, requested Mr. D. J. Panday, the Vice-President to take the Chair and conduct the meeting.

Mr. D. J. Panday thanked the President and began with an apology for the delay of half an hour in commencing the meeting owing to a mistake in the timing announced in the papers.

The meeting had been called in response to a requisition by several members to question the proposal for the BNHS establishing an Institute of Ornithology and Natural History with funding and support from the Government of India and either to approve or oppose the move. The Chairman therefore requested the Honorary Secretary to give a resume of the proposal and its background.

The Honorary Secretary, Dr. A. N. D. Nanavati, explained that in the past paucity of funds had prevented the Society from being as active as it should be in field research. The current research projects with temporary financial assistance from outside agencies had to some extent remedied the shortcoming. But

the fundings for the projects were for limited periods at the end of which they would have to be wound up leaving such scientific work incomplete. More importantly the enormous investment made in training workers in techniques of field research would be lost. It is therefore essential to find ways and means to support our scientific work and employment of our research scientists on a continuing basis.

Dr Nanavati went on to say that when discussing this problem with the Department of Environment we were informed that the Department was funding elsewhere an Institute of Ecology and an Institute of Wildlife Studies. They therefore did not wish to support another institute of the same type but would be prepared to support an Institute of Ornithology at the BNHS as they felt that our main strength was in this field. The Department further indicated that there would be no objection to the BNHS raising independent funds for an allied Institute of Natural History.

During the prolonged exchange of views by a large number of persons the Chairman had to urge members several times to be brief and confine discussion to matters raised in the requisition for the meeting. He had to rule out of order remarks bearing on extraneous issues and on personalities.

Several members both in favour of and opposed to the proposal raised a number of questions seeking clarification of certain issues. Most of the queries were answered as fully as it was possible to do so within the limited time available.

In response to inquiries how the Society was being financed by Government grants and the extent of control by such financing bodies, the Honorary Treasurer, Dr C. V. Kulkarni, stated that in addition to a small grant by the Government of India for the *Journal*, the Society since 1958 was receiving from the Government

of Maharashtra Rs. 65,000 per year, for the maintenance of the collection, but this year it was raised to Rs. 1,20,000 and next year it would be Rs. 1,25,000. These grants cover salaries of collection maintenance staff and the maintenance of the building. It was pointed out that grants recently received from the Centre and the State for repairs of Hornbill House and the charges collected for the working of the Society's projects have saved it from financial loss.

Regarding Government control a representative of the Department of Science and Technology was appointed as an ex-officio member of the Executive Committee. But there is no interference by Government in the working of the Society.

In answer to an inquiry by Mr Agharkar about the actual assets of the Society, the Honorary Secretary stated that assets completely owned by the Society were its Library and its records. Under an agreement between the Government, the Museum and the Society made about 20 years ago when the Society was being moved into Hornbill House, the Society had no absolute ownership or control over the collection. At this stage Mr Humayun Abdulali stated that he was one of the signatories of the agreement and disagreed with the statement just made. Dr. Nanavati then read out the relevant clauses of the agreement in support of what he had said. The clauses of the agreement are recorded as follows:

i) a representative of the Ministry of Scientific Research and Cultural Affairs will be a member of the governing body of the Bombay Natural History Society;

ii) the Bombay Natural History Society will make its collections available to the Zoological Survey of India, Calcutta, for purpose of research and reference;

iii) the Bombay Natural History Society

will not sell, donate or give in exchange or otherwise dispose of to any person or body its collections without the prior approval of the Government of India. If at any time the Society decided to dispose of any collections, these shall first be offered to the Zoological Survey of India;

iv) if at any time the Bombay Natural History Society ceases to exist its collections will become the property of the Zoological Survey of India.

In reply to a query whether an agreement had already been reached with the Government regarding the proposed Institute it was explained that the Society had been asked to put up a proposal. If Government were interested it would appoint a Committee to discuss the terms and conditions for the scheme. The final decision would be taken by the BNHS Executive Committee after satisfying itself about reasonable safeguards for preserving the integrity and interests of the Society and its control over the new Institution and its staffing.

Among members who expressed views generally critical of the proposal in its present form were: Mr Humayun Abdulali, Mrs Phillippa Mukherjee, Dr Deoras, Mr Narayan Chatbar, Dr A. K. Joshi, Mr Ulhas Rane, Mr K. N. Naoroji, Mr Debi Goenka, Mr Parvesh Pandya, Mr Kiran Gokhale. Opinions expressed ranged from an outright rejection of the idea to conditional support of the proposal with changes both in its content and in the mode of preparation of the proposal and presentation to Government. The opinion for rejection was based on the apprehension that a large Government controlled scientific institute fostered by the BNHS would swamp the independent status of the parent body and would be to the detriment of the amateur activities of its members and their interest in its assets, i.e. the library and collections. Moreover the

new Institution would increase the work of the existing staff and cause neglect of their routine duties and services to members over which shortcomings there are already complaints. Some members said that though they would favour a large Institute, the Society did not have the managerial talent for running a big project which should be kept completely separate from the Society. The Society could only act as a catalyst for setting it up and be associated with it in a consultative capacity. Most members however did not oppose the formation of the Institute but demanded assurances on several heads against any association between the BNHS and the Institute which should be detrimental to the former, namely the extent of Government representation on the governing body, the sort of participation by amateur members in the activities of the new Institution, the parity of salaries between the Society's and the Institute's staff etc. Reference was also made to the President's letter in *Hornbill* of 1977. For this purpose it was sought that the Executive Committee should not be allowed to forward the proposal without rediscussing and redrafting it in consultation with the General Body. The arguments were crystalized in a resolution subsequently introduced by Mr Ulhas Rane.

Mr M. D. Agharkar, Dr C. V. Kulkarni, Dr R. M. Naik, Dr A.N.D. Nanavati, Mr Bansi Mehta, Mr J. C. Daniel, Mr H. K. Divekar, Mr Ratansinh Moral, Mr Bittu Sahgal, Mr Dayanand Gaitonde spoke in support of the proposal for establishing the Institute of Ornithology and Natural History. It was explained that the apprehension expressed by members about the new Institute was unrealistic. The Society should go ahead with the formation of the new Institute and during negotiations ensure against the Society losing control over the Institute and over its own

affairs. There was no question of change in the status of the Society's library and collection which would continue to be lodged at Hornbill House and available for use of members as at present. Amateur interest in Natural History was always being fostered by the Society. Members have participated in certain scientific programmes, but amateurs could only devote part-time attention to these programmes which could only be conducted by a staff of full time workers. The proposed Institute could initiate a number of necessary study projects on a proper continuing basis in Ornithology and other allied branches of Natural History without which Ornithology in isolation could not be adequately studied. Interested members could be given encouragement for participating in the new facilities created by the Institute. Staffing of the Institute would be under the control of the BNHS and staff salaries would have to be on a par in the same organization. It was pointed out that the Society has a national commitment gathered over the last 100 years which it has to exploit. We should independently raise funds by having, for example, a walk-in aviary at the new Institute. Members supporting the proposal were emphatic in stating that the proposal should be processed by the Executive Committee which had been elected by and represented the General Body of the BNHS and was the proper channel for negotiation with the funding authority.

Finally the following Resolutions were introduced:

1. *By Mr. M. D. Agharkar, seconded by Dr. S. R. Amladi:* RESOLVED that the General Body desired that the Executive Committee should make all efforts to obtain funds from Government and establish the Institute of Ornithology as proposed.

1. a. *An amendment to the above Reso-*

lution was proposed by Dr Deoras, seconded by Dr A. K. Joshi: RESOLVED that any proposal to be finalized to have an institute of ornithology under the Bombay Natural History Society be first discussed by the General Body of the Bombay Natural History Society and published in the *Hornbill* before being sent up to Government.

2. *By Mr Ulhas Rane, seconded by Mr K. N. Naoroji:* RESOLVED that no commitment be made on the proposal in its present form of setting up an Institute of Ornithology at/under the BNHS. RESOLVED further that whilst the offer of funds for setting up an Institute of Ornithology or an Institute of Natural History be kept open and live, the actual mechanics of how to implement the setting up of the above institute should be given more thought, such that the existence of the Society, i.e. the BNHS or its amateur status or its independence of thought, policy

and action is not jeopardized; that to this end a further meeting and dialogue with members be arranged within a reasonable period of 90 days or at a suitable time to discuss alternative methods for setting up of the proposed institute.

The Resolution of Mr Ulhas Rane, representing the views of the signatories of the requisition was, first put to vote. There were 24 votes in favour and 34 votes against, the resolution being defeated.

Dr Deoras's amendment to Mr M. D. Agharkar's resolution was then voted on and was lost, 25 voting in favour of it and 34 against.

Mr M. D. Agharkar's resolution was then voted on and was passed by 36 votes in favour of it and 28 against.

The meeting terminated with a vote of thanks to the Chair.

ANNUAL REPORT OF THE BOMBAY NATURAL HISTORY
SOCIETY FOR THE YEAR 1981-82

EXECUTIVE COMMITTEE

<i>President</i>	}	<i>Ex-Officio</i>
Dr. Sálím Ali, D.S.C., F.N.A.		
<i>Vice-Presidents</i>		
Mr. R. E. Hawkins		
Mr. G. V. Bedekar, I.C.S. (Retd.)		
Mr. D. J. Panday		
<i>Member</i>		
Director, Dept. of Science & Technology, Government of India.		

Elected Members

Mr. Humayun Abdulali
 Dr. S. R. Amladi, M.D.
 Prof. P. V. Bole
 Mr. Divyabhanusinh Chawda
 Dr. B. Dasgupta
 Mr. H. K. Divekar
 Mr. David Fernandes
 Dr. C. V. Kulkarni, M.S.C., PH.D.
 (*Honorary Treasurer*)
 Mr. Bansi Mehta
 Mrs. Phillippa H. Mukherjee
 Dr. A. N. D. Nanavati, M.D.
 (*Honorary Secretary*)
 Mrs. Dilnavaz Variava

ADVISORY COMMITTEE

Mr. H. G. Acharya	..	Ahmedabad
Mr. F. C. Badhwar O.B.E.	..	New Delhi
Dr. B. Biswas	..	Calcutta
Mr. S. Chaudhuri	..	New Delhi
Dr. Madhav Gadgil	..	Bangalore
Mr. N. D. Jayal	..	New Delhi
Mr. Shivarajkumar Khachar	..	Jasdan
Mr. Lavkumar Khacher	..	Rajkot
Mr. M. Krishnan	..	Madras
Mr. Duleep Matthai	..	New Delhi

HONORARY SECRETARY'S REPORT FOR THE YEAR 1981
98TH ANNUAL REPORT

MEMBERSHIP

The Executive Committee is pleased to report that for the first time in many years the number of ordinary members crossed the 1000 mark during the year under review.

While this is a matter of some satisfaction, it does not in any way meet the needs of the Society. On current rates of income and ex-

penditures to company members for a period of 25 years. I hope members employed or involved in management or owning progressive companies will enroll them as members and provide the Society with a sound financial base.

Details of membership for the past quincentennial, showing members fully paid up on 31st December of each year are given in the statement below:

	1978	1979	1980	1981	1982
Ordinary members	541	640	660	764	1044
Corporate members	180	184	180	168	176
Life members	257	274	305	327	349
Compound Corporate members	2	9	9	20	37
Student members	39	96	83	94	165
Honorary members	4	4	4	3	3
Forest Department nominees	—	—	—	—	—
	1023	1207	1241	1376	1774
Members elected in 1981, but not paid				28	
Members paid for 1980, but not paid for 1981				104	

penditure we should have an additional 5000 ordinary members if we are to meet our membership commitments from membership subscriptions.

We repeat our appeal to members to recruit more members, particularly Compound Corporate Members, a field of recruitment in which we have done poorly indeed. The total recruitment at the end of the year was 37 in a target of 1000. The Compound Corporate Membership fee of Rs. 1500/- offers the Society's faci-

PUBLICATIONS

Journal:

Five issues of the Journal were published during the year under review and we were finally successful in our efforts to publish the journal on time. The August and December issues for the year were published during those months.

The journals published in 1981 included the August & December issues for 1980 Vol. 77

(2 & 3) and Vol. 78 for 1981. The 1031 pages of the journal published during the year continued to present authoritative data on the natural history of the oriental region.

Hornbill:

The Hornbill now in its 5th volume continued to maintain its popular appeal to members and we are glad to report that it has become one of the reasons for attracting and retaining members on the Society's membership rolls. We again remind members that it will be difficult to maintain its popular appeal without support from members in the form of articles and photographs. We thank the Seth Purshotamdas Thakurdas Devaliba Charitable Trust for generous financial assistance for the publication of the Hornbill.

BOOKS

Our popular publications the BOOK OF INDIAN BIRDS by Salim Ali and the BOOK OF INDIAN ANIMALS by S. H. Prater continued to have good sales as is evident from the sales statement given below. However considering their value these publications could sell better with more publicity.

Books under preparation:

GRASSES OF WESTERN INDIA

By T. Hodd (1st edition):

The fully illustrated, handy, field guide for the identification of Grasses of Western India will be available in 1982.

A SYNOPSIS OF THE BIRDS OF INDIA & PAKISTAN

By Dillon Ripley (2nd edition):

The printing of this definitive work on bird taxonomy of the Indian region was completed during the year and copies will be available in 1982.

SOME BEAUTIFUL INDIAN CLIMBERS & SHRUBS

By Bor & Raizada (2nd edition):

This excellent ready reference on the wild and cultivated shrubs and climbers occurring in India will be published in 1982.

	Sales in		Balance stock 31-12-1981
	1980	1981	
The Book of Indian Birds	2197	1389	5582
The Book of Indian Animals	1007	1392	2510
Some Beautiful Indian Trees	264	234	1988
Glimpses of Nature in India Booklet	353	192	1608
Checklist of the Birds of Maharashtra (1st edition)	102	106	
Checklist of the Birds of Maharashtra (2nd edition)	—	81	1890
Checklist of the Birds of Delhi, Agra & Bharatpur	54	89	185

ENCYCLOPEDIA OF INDIAN NATURAL HISTORY

Centenary Publication 1883-1983:

It is hoped that the Encyclopedia when ready will provide a ready reference volume for students in schools and colleges and to the general readers on the natural history of the Indian region.

A CENTURY OF NATURAL HISTORY,

Centenary Publication 1883-1983:

A book of selected articles of natural history interest covering general natural history, expeditions and explorations, hunting, fishing, conservation, wildlife photography, mammals, birds, reptiles, fishes, insects, other invertebrates and botany from the Society's journal published during the hundred years of its existence. The selection has been completed and the book will be available in the Centenary year.

CONSERVATION

The Society is recognised by the Central and State Governments in India and by International Organisations abroad as an authoritative source for information on conservation of wildlife and natural resources. This recognition is expressed in the form of association of its officials with State and Central Wildlife Advisory Boards and representation on the Specialist Groups of the Species Survival Commission of the International Union for the Conservation of Nature and Natural Resources.

As the Western Regional Representative of the Indian Board for Wildlife, the Curator, is a member of the State Wildlife Board of Rajasthan, Maharashtra, Madhya Pradesh and Goa.

The Curator was a member during the year of the following committees of the Central Government and other organisations concerned with conservation:

- (a) Expert Committee for Management Guidelines for National Parks, Government of India
- (b) University Grants Commission on Wildlife Studies
- (c) Pine Plantation in Bastar Enquiry Committee, Government of India
- (d) Goa Afforestation and Natural Resources Committee of the Planning Commission.

SEMINARS & CONFERENCES

The Curator attended the meeting of the Species Survival Commission at New Delhi in February 1981 and the meeting of the Convention on International Trade in Endangered Species at New Delhi in February.

Mr. V. C. Ambedkar represented the Society at Bird Watchers' Camp at Lonavla, Maharashtra.

MEMBERS' ACTIVITIES

Sikkim survey:

An application was made to the Dorabji Tata Trust for financial assistance for Mr. Ulhas Rane and other members of the Society for a field survey to Sikkim to study birds, butterflies, and the botany of the area.

Bird counts:

The monthly roadside count of birds at the Borivli National Park on the last Sunday of each month was continued. Apart from the collection of data to record the fluctuations in the bird fauna the main aim is to introduce members to bird watching.

Nature walks:

Nature walks were held in various areas of natural history interest around Bombay for bird watching, vegetation study and general natural history. The programme helped in recruiting new members and fostering interest in natural history among members.

Nature camp:

A nature camp was organised at Pachmarhi, Madhya Pradesh, from 8th October to 20th October 1981 and 85 members participated (in three batches). Members also prepared list of birds, butterflies and a list of the plants seen and studied during the camp.

RESEARCH AND OTHER ACTIVITIES FUNDED
FROM FIELD WORK FUNDS

The field work funds available at the Society supported the following activities:

Salim Ali — Loke Wan Tho Ornithological Research Fund:

Mrs. K. R. Lalitha studied 'Comparative Ecology of Drongos, with special reference to Ecological Isolation among them', and Mr. Shahid Ali on 'the ecology of Grey Partridge' at Point Calimere.

Financial assistance was extended to Mr. Koneri Rao, a member of the Society, to study the Yellow-headed Bulbul in the Gingee area of Tamil Nadu.

Salim Ali Nature Conservation Fund:

(a) A study of the disappearing bamboo stock in Tamil Nadu and its socio-ecological impact — by Ramesh Bhat. The study examined the status of bamboo forests in certain selected areas of Tamil Nadu and regeneration of bamboo resources.

(b) Ecological studies on the Lions of the Gir Forest: by S. P. Sinha. Assistance was extended to Mr. S. P. Sinha to commence monitoring the possible progressive changes of the food and food habits of the lion with reference to environmental conditions.

In addition the fund subsidised the publication of the Hornbill and purchase of books for the library.

Pirojsha Godrej Fund:

Conservation Education — Assistance was given from the fund for the Wildlife Exhibition at Patkar College and Ruparel College under the auspices of the Nature Education Scheme of the Society.

RESEARCH FUNDED BY GOVERNMENT &
GOVERNMENTAL AGENCIES

Studies on the movement & population structure of Indian avifauna:

A field research station was established at Point Calimere. Operations at Point Calimere laid emphasis on netting, trapping and ringing of birds. At Point Calimere baseline data on weather, botany, entomology, marine biology and other factors such as mammals and reptiles were collected comprehensively.

A total of 45,378 birds belonging to 277 species were ringed and released in all the four stations worked by the project.

Data on plumage, age, physical measurement, habitat preference etc. were recorded.

The capture/recapture trends both at Point Calimere and Bharatpur indicate that several resident and migrant birds tend to remain in/ revisit the same ecological regimes. This suggests that netting/ringing causes very little disturbance to wintering/resident species in these areas.

Station	Duration	Species	Total
Point Calimere	July 1980 to June 1981	153 (19 exclusive)	26040
Bharatpur	November 1980 to April 1981 (166 days)	127 52) exclusive)	15535
Chilka	February 1981 to March 1981 (55 days)	52 (13 exclusive)	2158
Harike	December 1980 to March 1981 (80 days)	58 (29 exclusive)	1645
Total		277	45378

An ecological study of Bird Hazards at Indian Aerodromes:

The years programme of work at two airports in the country with the specific aim of identifying all birds species potentially hazardous to aircraft and the habits of these birds their ecological requirements and methods of discouraging problem birds from the vicinity of aerodromes was completed.

The report giving details of work and recommendations resulting from the study was sent to the Aeronautics Research and Development Board. A more detailed study has now been approved. This study will spread over a period of 4 years and will cover 20 airfields in various parts of the country.

Hydrobiological (Ecological) Research Station at Keoladeo Ghana Bird Sanctuary:

This project to study the ecology of the water bird species at the Ghana Bird Sanctuary and the ecology of the Bharatpur Sanctuary in relation to its bird fauna commenced operation. Dr. V. S. Vijayan, formerly Wildlife

Biologist at the Kerala Forest Research Institute and a former student of Dr. Salim Ali took over as Project Scientist. The laboratory has now been established at Bharatpur and data collection started on a regular programmed basis.

Ecology of Certain Endangered Species of Wildlife and their Habitats:

Financial assistance for this project which aims at studying the ecology of the Great Indian Bustard and Indian Elephant as a beginning was received during the year and work was commenced on the Great Indian Bustard. Two field stations were established, one at Solapur, Maharashtra and one at Karera, Madhya Pradesh. Data on the breeding season at Solapur was collected during the year.

DONATIONS

For Salim Ali Nature Conservation Fund:

1. Dr. Sálim Ali Rs. 7500.00
2. Cheng Kim Loke Foundation, Singapore Rs. 180873.14
3. Darbar Shri Alakhachar Public Charitable Trust, Jasdan Rs. 4000.00
4. M/s N. S. Gazdar & Co. Pvt. Ltd. (for Save Silent Valley Campaign) Rs. 2500.00
5. M/s Airfreight Pvt. Ltd. (for Save Silent Valley Campaign) Rs. 2500.00

For Charles McCann Vertebrate Zoology Field Work Fund:

6. Mr. S. Chaudhuri Rs. 600.00
7. Mr. A. A. Faizee Rs. 175.00

For Sálím Ali — Loke Wan Tho Ornithological Research Fund:

8. Sir Dorabji Tata Trust Rs. 50000.00

For Hospitality Fund:

9. Dr. Sálím Ali Rs. 1000.00

For Publications Fund:

10. Dr. Sálím Ali Rs. 6500.00

For Life Membership Fund:

11. Mr. K. M. Khareghat Rs. 2500.00

12. Mr. R. E. Hawkins Rs. 1000.00

For General Fund:

13. Mr. Bill Harvey Rs. 525.00

14. Mrs. S. R. Grubh Rs. 250.00

15. Prof. P. R. Pisharoty Rs. 300.00

16. Mr. Usha Kumar Rs. 500.00

17. Grindlays Bank, Bombay Rs. 1000.00

REFERENCE COLLECTION

During the year under reference 122 specimens were registered into the collections.

Mammals	1
Birds	92
Reptiles	15
Amphibians	14
	<hr/>
	122
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Among these the following species of birds were additions to the collections.

1. *Sterna fuscata*
2. *Eurynorhynchus pygmaeus*

NATURE EDUCATION SCHEME

Students from 84 schools participated in various activities of the Scheme. Besides school students, 108 trainee teachers and 85 college

students, took advantage of our programmes. In addition this year 9 new schools from Thane participated.

Field trips:

A total of 970 students from 34 schools were taken on field trips.

A camp for Municipal School children was organised by the National Sponsorship Council at the S.N.D.T. College. A series of lectures illustrated with slides were arranged as well as film shows on wildlife. The students were taken to Victoria Gardens on a field trip and also guided in the preparation of projects on different topics such as migration of birds, resident birds, reptiles, mammals and common trees.

A Gulmohur camp for Municipal School children from Bandra was organised by the Society for Clean Cities, Children's Complex, Bandra. Slides and films on wildlife were shown, and talks on natural history given.

Material for 2 nature booklets on insects was completed. Matter for the 3rd booklet on reptiles and amphibians is ready.

MEETINGS

- January, 25: *Nature Walk:*
Kanha Caves.
- February, 1: *Nature Walk:*
Sasunavagarh.
- „ , 4: *Slide show:*
Fauna & Flora of Sikkim by Miss Meena Haribal.
- March, 21-22: *Nature Camp:*
Murud Janjira.
- April, 12: *Nature Walk:*
Kakuli Lake.
- „ , 27-29: *Film Show:*
1. Devil Birds;
 2. Marshes of Bharatpur;
 3. Safari by Balloon.

- June, 13-14: *Nature camp:*
Matheran.
- July, 3: *Film Show:*
1. Crocodiles;
2. Great Barrier Reef.
- „ , 12: *Tree Planting.*
- September, 5: *Nature Walk:*
Chinchota Falls.
- „ , 11: *Film Show:*
1. Language of Birds;
2. Elsa the Lioness.
- October, 31: *Slide Show:*
By Dr. Ralph Schreiber, Natural History Museum, Los Angeles County.
- Nov., 29: *Nature Walk:*
Palasdari Lake.

- Dec. ,16: *Slide Show:*
By Mr. Hanumantha Rao.
- „ , 25-27: *Nature Camp:*
Koynanagar.

REVENUE & ACCOUNTS

The financial situation of the Society has improved. After many years of deficit, the year's working showed a small surplus.

STAFF

The Committee wishes to record its appreciation of the willing cooperation of the staff in the activities of the Society.

BOMBAY NATURAL HISTORY SOCIETY

BOMBAY PUBLIC TRUSTS ACT, 1950

SCHEDULE VIII VIDE RULE 17(1)

BALANCE SHEET FOR THE YEAR ENDED 31 DECEMBER 1981

FUNDS & LIABILITIES		ASSETS		
	Rs.	P.	Rs.	P.
<i>Trust Fund or Corpus:</i>				Nil
<i>Life Membership Fund (Individual):</i>				
Balance as per last Balance Sheet	167334.03			
Add: Amount received during the year	37514.87		25000.00	
Add: Donation received towards Life Membership Fund during the year	6072.08	210920.98	2000.00	
<i>Corporate Life Membership Fund:</i>				
Balance as per last Balance Sheet	34200.00			
Add: Amount received during the year	27550.00	61750.00	200000.00	
<i>Vice Patron Fees:</i>				
Amount received during the year		22500.00	80000.00	307000.00
<i>Fixed Assets Fund:</i>				
Balance as per last Balance Sheet	88828.73			
Less: Transferred from Income & Expenditure account on account of depreciation for the year	11857.77	76970.96	2999.42	2399.55
<i>General Reserve Fund:</i>				
Balance as per last Balance Sheet		37952.71	81491.00	
<i>Building Fund:</i>				
Balance as per last Balance Sheet		4697.68	8572.24	
		414792.33	90063.24	78805.34
Carried over			11257.90	
				388204.89

FUNDS & LIABILITIES	ASSETS
Brought over	Brought over
<i>Publication Fund:</i>	
Balance as per last Balance Sheet	Loans (Unsecured considered good) :
96578.87	To Employees
<i>Add:</i> Amount received during the year	94295.60
6500.00	To Employees
<i>Add:</i> Sale proceeds of Glimpses of Nature Booklets published under WWF/Volkart Foundation grant for the year	14113.77
1142.04	To Employees & others for travel expenses (recoverable)
104220.91	To others
	To Nature Education Scheme
	8088.92
<i>Other Earmarked Funds:</i>	
As per Schedule 'A'	175630.08
3602752.97	
<i>Staff Gratuity Fund:</i>	
Balance as per last Balance Sheet	
80000.00	
<i>Add:</i> Interest received during the year	
8000.00	
<i>Add:</i> Transferred from Income & Expenditure account for the year	
50000.00	
138000.00	
<i>Provision for Capital Losses:</i>	
Balance as per last Balance Sheet	
4528.38	
<i>Add:</i> Transferred from Income & Expenditure account for the year on account of profit made on the sale of Bonds of Ahmedabad Manufacturing & Calico Printing Co. Ltd., Ahmedabad	
10496.85	
15025.23	
<i>Provision for Depreciation on Investments:</i>	
Balance as per last Balance Sheet	
9266.10	
<i>Centenary Celebration Fund:</i>	
Transferred from Income & Expenditure account for the year	
100000.00	
4384057.54	
Carried over	Carried over
	Income Tax Refundable:
	2355.40
	1022812.83
	388204.89
	510.00
	145896.65
	48668.21
	107801.70
	109102.80
	30000.00
	295572.71
	13906.20
	190273.18
	736.90
	175630.08
	13906.20
	190273.18
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	109102.80
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	295572.71
	13906.20
	190273.18
	736.90
	175630.08
	48668.21
	107801.70
	109102.80

FUNDS & LIABILITIES

Brought over

4384057.54

Liabilities:

For expenses 173691.62
 For Sundry Credit Balances 35766.51
 For Library Deposits 600.00

Income & Expenditure Account:

Balance as per last Balance Sheet 21.27

Add: Assets of income over expenditure transferred from Income & Expenditure Account for the year

1350.92

1372.19

Carried over

4595487.86

ASSETS

Brought over

1022812.83

Cash & Bank Balances:

A) *In Current Account with:*
 1. Grindlays Bank Ltd.
 M. G. Road, Bombay 400 023 115046.66
 2. Grindlays Bank Ltd. London
 (£ 1849.95) @ 17.45 per £ 32281.62
 3. Chartered Bank, Bombay 229759.01

In Savings Account with:

1. Grindlays Bank Ltd.
 M. G. Road, Bombay 400 023 33311.63
 2. Bank of India, (Museum
 Savings Branch), Bombay 48705.14
 3. Bank of Baroda, University
 Branch, Bombay 400 023 344036.24
 4. Corporation Bank, Dalal
 Street, Bombay 400 023 1050534.73

B) *In Fixed Deposit with:*

1. Bank of India, Bombay (consisting of Rs. 36000/- of Salim Ali/Loke Wan Tho Ornithological Research Fund and Rs. 3000/- for Col. Burton's Nature Conservation Fund) 39000.00
 2. Chartered Bank, Bombay 400000.00
 3. Bank of Baroda, Bombay 200000.00
 4. Grindlays Bank Ltd. Bombay (including Rs. 37590/- of Charles McCann Vertebrate Zoology Field Work Fund) 205000.00

Carried over

2697675.03 1022812.83

FUNDS & LIABILITIES	ASSETS
<p>Brought over</p> <p style="text-align: right;">4595487.86</p>	<p>Brought over</p> <p style="text-align: right;">1022812.83</p>
	<p><i>Cash & Bank Balances (contd.):</i></p> <p>Brought over</p> <p style="text-align: right;">2697675.03</p>
	<p><i>In Fixed Deposit with:</i></p> <p>5. Corporation Bank, Bombay (including Rs. 40000/- Sir Pirojsha Godrej Foundation Fund & Rs. 141260/- of Salim Ali/Loke Wan Tho Ornithological Research Fund)</p> <p style="text-align: right;">200000.00</p>
	<p>6. In Monthly Certificate with Bank of India, Bombay (consisting of Rs. 581124/- of Salim Ali Nature Conservation Fund & Rs. 93876/- of Salim Ali/Loke Wan Tho Ornithological Research Fund)</p> <p style="text-align: right;">675000.00</p>
Total	Total
4595487.86	4595487.86
<p>Sd/- SALIM ALI, <i>President,</i> Bombay Natural History Society</p>	<p>Sd/- A. N. D. NANAVATI, <i>Honorary Secretary,</i> Bombay Natural History Society</p>
	<p>Sd/- C. V. KULKARNI, <i>Honorary Treasurer,</i> Bombay Natural History Society</p>
	<p>As per our report of even date HABIB & Co., <i>Chartered Accountants.</i></p>
	<p>BOMBAY, 15th October, 1982.</p>

BOMBAY NATURAL HISTORY SOCIETY
SCHEDULE FORMING THE PART OF BALANCE SHEET AS AT 31ST DECEMBER 1981

Name of the Fund/Grant	Balance as per last Balance Sheet	Additions/Amount received during the year	Interest earned during the year	Transfers from other Funds	Total of columns 2, 3, 4 & 5	Spent during the year	Refunds/Adjustments	Total of columns 7 & 8	Balance as at 31st December 1981 (6 minus 9)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
(1) Field Work Fund (Sir Dorabji Tata Trust)	3089.14	—	—	—	3089.14	3089.14	—	3089.14	—
(2) Staff Welfare Fund	11244.33	10000.00	1124.45	—	22368.78	—	—	—	22368.78
(3) Sálím Ali/Loke Wan Thó Ornithological Research Fund	221136.52	50000.00	—	—	271136.52	—	—	—	271136.52
(4) Col. Burton's Nature Conservation Fund	3820.94	—	300.00	—	4120.94	21.00	—	21.00	4099.94
(5) Charles McCann Vertebrate Zoology Field Work Fund	33533.35	775.00	3353.33	—	37896.18	305.40	—	305.40	37590.78
(6) Sálím Ali Nature Conservation Fund	393751.66	192373.14	—	—	586124.80	—	5000.00	5000.00	581124.80
(7) Sálím Ali Nature Conservation Fund for Silent Valley Campaign expenses	—	5000.00	—	5000.00	10000.00	2118.48	2294.27 (BNHS)	4412.75	5587.25
(8) Col. A. C. Moore Conservation Fund	5269.00	—	—	—	5269.00	—	—	—	5269.00
(9) Field Work Fund under Pirojsha Godrej Foundation	40000.00	—	—	—	40000.00	—	—	—	40000.00
(10) Hospitality Fund (Dr. Sálím Ali)	—	1000.00	—	—	1000.00	—	—	—	1000.00
(11) Projector Fund received from members	968.04	—	—	—	968.04	—	—	—	968.04
(12) Scholarship Fund under Sálím Ali/Loke Wan Thó Ornithological Research Fund Investment	11050.45	—	2234.30	—	33393.45	12945.40	—	12945.40	20448.05
(13) Conservation Fund under Sálím Ali Nature Conservation Fund Investment	8230.11	—	47092.00	—	55322.11	44615.02	—	44615.02	10707.09
(14) Field Work Fund Under Pirojsha Godrej Foundation Fund Investment	1899.54	—	4000.00	—	5899.54	1043.56	—	1043.56	4855.98
Carried over ..	733993.08	259382.64	78212.78	5000.00	1076588.50	64138.00	7294.27	71432.27	1005156.23

A.G.M. 1981-82—PROCEEDINGS AND ACCOUNTS

Name of the Fund/Grant	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Balance as per last Balance Sheet	Additions/Amount received during the year	Interest earned during the year	Transfers from other Funds	Total of columns 2, 3, 4 & 5	Spent during the year	Refunds/Adjustments	Total of columns 7 & 8	Balance as at 31st December 1981 (6 minus 9)	
Brought over ..	733993.08	259382.64	78212.78	5000.00	1076588.50	64138.00	7294.27	71432.27	1005156.23	
(15) Grant Govt. of Maharashtra:..										
(a) Grant for 1979-80 for Establishment & Bldg. maintenance	517.52	—	—	—	517.52	—	517.52	517.52	—	
(b) Grant for 1980-81 for Establishment & Bldg. maintenance	36351.08	—	—	—	36351.08	28672.94	7678.14	36351.08	—	
(c) Grant for 1981-82 for Establishment & Bldg. maintenance	—	105102.80	—	—	105102.80	81363.39	—	81363.39	23739.41	
(d) Grant for 1980-81 contd. 1981-82 for Building repairs	249034.96	—	—	—	249034.96	159663.60	—	159663.60	89371.36	
(16) Grant Govt. of India, Department of Science & Technology:										
(a) Grant for 1980-81 contd. 1981-82 for building repairs	200000.00	—	—	—	200000.00	—	—	—	200000.00	
(b) Grant for 1980-81 contd. 1981-82 for Computer Analysing of Bird Banding Data	42522.31	—	—	—	42522.31	28608.75	—	28608.75	13913.56	
(c) Grant for 1977-78 contd. 1978-79, 1979-80, 1980-81 & 1981-82 for the publication of Some Beautiful Indian Climbers & Shrubs	35716.34	—	—	—	35716.34	—	—	—	35716.34	
(d) Grant for 1981-82 for the publication of Encyclopaedia of Indian Natural History	—	6000.00	—	—	6000.00	2708.05	3291.95 (BNHS)	6000.00	—	
Carried over ..	1298135.29	370485.44	78212.78	5000.00	1751833.51	365154.73	18781.88	383936.61	1367896.90	

Name of the Fund/Grant	Balance as per last Balance Sheet	Additions/Amount received during the year	Interest earned during the year	Transfers from other Funds	Total of columns 2, 3, 4 & 5	Spent during the year	Refunds/Adjustments	Total of columns 7 & 8	Balance as at 31st December 1981 (6 minus 9)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Carried over	1298135.29	370485.44	78212.78	5000.00	1751833.51	365154.73	18781.88	383936.61	1367896.90
(17) Grant Govt. of India, Ministry of Defence, Aeronautical Res. & Dev. Board for An Ecological Study of Bird Hazards at Indian Aerodromes	122222.95	1231433.00	—	—	1353655.95	206267.69	—	206267.69	1147388.26
(18) Grants from US Dept. of the Interior Fish & Wildlife Service-National Park:									
(1) Studies on the movement & population structure of Indian Avifauna	125234.18	452290.00	—	—	577524.18	509293.59	—	509293.59	68230.59
(2) Hydrobiological (Ecological) Research Station at Keoladeo Ghana Sanctuary, Bharatpur	544912.60	389700.00	—	—	934612.60	198686.32	—	198686.32	735926.28
(3) Study of ecology of certain endangered species of wildlife & their habitats	—	577500.00	—	—	577500.00	310702.06	—	310702.06	266797.94
(19) Grant from Tamil Nadu Salt Corpn. Ltd., Madras, for the study of ecological reconnaissance of Vedaranyam Swamp	12652.83	—	—	—	12652.83	12652.83	—	12652.83	—
(20) Grant from Chief Wildlife Warden, Chandigarh, Punjab for Bird Ringing Project	—	16513.00	—	—	16513.00	—	—	—	16513.00
Total rupees	2103157.85	3037921.44	78212.78	5000.00	5224292.07	1602757.22	18781.88	1621539.10	3602752.97

* Sale proceeds of Checklist of the Birds of Maharashtra.

EXPENDITURE		INCOME		
To Audit Fees:	Brought over	548509.51	Brought over	422546.34
" Amount written off:		1000.00	By Grants (contd.):	
" Bad Debts		1306.79	Brought over	109102.80
" Miscellaneous Expenses:			b) Govt. of India	
General charges	4268.60		Department of Science &	
Insurance Premium	243.00		Technology for 1981-82 Journal	30000.00
Repairs to Furniture & Equipment	6618.76		For 1981-82 Encyclopedia of Indian	
Printing Society's Prospectus	702.00		Natural History publication	6000.00
Loss on foreign exchange due to			c) Indian National Science	
fluctuation in exchange rates	626.01	12458.37	Academy for 1981-82 Journal	
			printing expenses	5000.00
" Depreciation:			d) Govt. of India, Ministry of	
On Furniture & Equipment	11257.90		Defence, Aeronautical Research &	
On Motor Cars, Motor Cycle & Auto Cycle	599.87	11857.77	Development Board for 1981-82;	
			An Ecological Study of Bird	
			Hazards at Indian Aerodromes	1231433.00
" Amounts transferred to Reserve or			e) Chief Wildlife Warden, Punjab,	
Specific Funds:			Chandigarh, for 1981-82	
Grants transferred to relevant funds	2778538.80		Bird Ringing Project	16513.00
Donations towards specific funds			f) US Dept. of Interior, Fish &	
transferred to relevant account in			Wildlife Service-National	
the Balance Sheet	255648.14		Park Service:	
Life Membership Fees transferred to			1) For Studies on Movement &	
Life Members Fund in the Balance	37514.87		Population Structure of Indian	
Sheet			Avifauna	452290.00
Corporate Life Membership Fees trans-			2) For Hydrobiological (Ecological)	
ferred to Corporate Life Membership			Res. Station at Keoladeo Ghana	
Fund in the Balance Sheet	27550.00		Bird Sanctuary, Bharatpur	389700.00
Life Membership Donation transferred			3) For the Ecological Study of	
to Life Membership Fund in Balance	6072.08		Certain Endangered Species of	
Sheet			Wildlife & their habitats	577500.00
Carried over	3105323.89	575132.44	Carried over	2817538.80
				422546.34

EXPENDITURE		INCOME	
To	Brought over	Brought over	
<i>Amounts transferred to Reserve or specific funds: (contd.)</i>	575132.44		422546.34
Brought over			
Vice Patron Fees transferred to relevant fund in the Balance Sheet	3105323.89	Brought over	2817538.80
Sale proceeds of Glimpses of Nature Booklet to Publication Fund	22500.00	Life Membership fees: (individual)	37514.87
Sale proceeds of Checklist of the Birds of Maharashtra transferred to Charles McCann Vertebrate Zoology Field Work Fund	1142.04	Corporate Life Membership fees	27550.00
Interest on Fixed Deposits transferred to respective funds	234.50	Vice Patron Fees	22500.00
Profit on sale of investment transferred to provision for capital losses account	86212.78		2905103.67
<i>Provisions:</i>			
For Staff Gratuity	10496.85	<i>Income from Subscriptions & Entrance fees:</i>	
For Centenary Celebrations expenses	50000.00	Membership subscriptions	72326.18
For Staff Welfare amenities	100000.00	Corporate membership subscriptions	20570.94
	160000.00	Student membership subscriptions	2345.00
		Forest Department Nominees	250.00
<i>Expenses on objects of the Trust: Educational: from respective funds (as per contra)</i>		Subscriptions to Journal (non-members)	22438.25
1. Expenses towards research scholarships & other expenses on Ornithological Research out of Scholarship Fund under Salim Ali/Loke Wan Tho Ornithological Research Fund Investment	12945.40	Entrance fees	11535.00
2. Expenses on Bird Data Computer Analysis Study out of grant Govt. of India, Dept. of Science & Technology 1980-81 contd. 1981-82	28608.75		129465.37
		<i>Income from Publications:</i>	
		Journal sales	2807.50
		Glimpses of Nature Booklet	1142.04
		Checklist of Birds of Maharashtra	234.50
			4184.04
		<i>Surplus on Sale of Books:</i>	
		Book of Indian Birds	49457.00
		Book of Indian Animals	38002.00
		Some Beautiful Indian Trees	3762.00
		Identification of Poisonous Snakes Chart	110.00
		A Bundle of Feathers	10139.77
		Carried over	101470.77
			3461299.42

EXPENDITURE	INCOME
Brought over	Brought over
3961042.50	3461299.42
To Expenses on objects of the Trust: (contd.)	By Surplus on Sale of Books: (contd.)
Brought over	Brought over
41554.15	101470.77
3. Expenses on Encyclopedia of Indian Natural History publication spent out of grant Govt. of India, Dept. of Science & Technology 1981-82	Checklist of Borivli National Park
Total expenditure	Other publications
16614.25	2799.00
Less: met by BNHS	Nature Calendars
13906.20	34320.18
	142999.63
	115.51
	143115.14
4. Expenses relating to:	
a) Publication of Hornbill Newsletter	Profit on Sale of Investments:
20000.00	Sale of 50 8% convertible & 20
b) Research expedition of Sri Lanka	8% redeemable bonds of Ahmedabad Mfg. & Calico Printing Co. Ltd., Ahmedabad
8652.00	10496.85
c) Grant to Research Projects	
8100.00	
d) Paid for a Slide Projector donated to Wildlife Preservation Society, Nawegaon	Miscellaneous Income:
1158.30	1) Fee for the use of Society's transparencies
e) Travel expenses for Dr. Salim Ali & Krishna Raju	700.00
2760.50	2) Library fines
f) Postage & other expenses	83.50
5104.22	3) Other receipts including Society's share of Snake Exhibition receipts
	102534.18
	103317.68
Less: Amount received for slide projector from Dr. Salim Ali & Mrs. D. S. Variava	Administrative Fees:
1160.00	For handling various funds during the year debited to respective funds
	127570.54
Met out of interest from Sálím Ali Nature Conservation Fund Investment	Transfer to specific Funds:
44615.02	Depreciation of fixed assets transferred to Fixed Assets Fund (as per contra)
	11857.77
Carried over	Carried over
88877.22	11857.77
3961042.50	3845799.63

EXPENDITURE		INCOME	
To	Brought over	Brought over	3845799.63
To	Expenses on Objects of the Trust: (contd.)	By Transfer to specific Funds: (contd.)	
	Brought over	Brought over	11857.77
5.	Expenses for field research under interest on Sir Pirojsha Godrej Foundation Fund Investment	Expenses on Establishment & Building Maintenance transferred to Govt. of Maharashtra Grant (as per contra) for 1980-81	28672.94
6.	Expenses under Charles McCann Vertebrate Zoology Field Work Fund	for 1981-82	81363.39
7.	Expenses on Field Studies under Dorabji Tata Field Work Fund	Expenses on Building Repairs transferred to Govt. of Maharashtra grant 1980-81 contd.	159663.60
8.	Expenses on Silent Valley Campaign met out of Salim Ali Nature Conservation Fund for Silent Valley Campaign	1981-82 (as per contra)	
9.	An Ecological Study of Bird Hazards at Indian Aerodromes met out of grant received from Aeronautical Research & Development Board, Govt. of India, Ministry of Defence	Expenses on specific Objects Transferred to Relevant Funds:	
10.	Studies on the Movement & Population Structure of Indian Avifauna met out of grant from US Department of the Interior, Fish & Wildlife Service-National Park Service	Grants as per contra	1333057.29
11.	Hydrobiological (Ecological) Research Station at Keoladeo Ghana Sanctuary, Bharatpur, met out of grant from US Department of the Interior, Fish & Wildlife Service-National Park Service		
12.	Expenses for the Study of Ecology of Certain Endangered Species of Wildlife & Their Habitats met out of grant from US Dept. of the Interior, Fish & Wildlife Service-National Park Service		
	310702.06		
	1320383.46	Carried over	5460414.62
	3961042.50		

EXPENDITURE	INCOME
To Expenses on Objects of the Trust: (contd.)	Brought over
Brought over	5460414.62
Brought over	
13. Expenses under Col. Burton's Nature Conservation Fund	
1320383.46	
21.00	
14. Expenses for Ecological Reconnaissance of Vedaranyam Swamp met out of grant from Tamil Nadu Salt Corpn. Ltd. 1980-81 contd. 1981-82	
12652.83	
1333057.29	
Journal Expenses:	
1) For publishing the Journal of the Society	
144016.24	
2) Publishing Hornbill Newsletter Total cost	
28577.55	
Less: met from the interest on Salim Ali Nature Conservation Fund Investment	
20000.00	
8577.55	
Library Account:	
1) Subscription to other Societies	
11.34	
2) Purchase of Books	
2960.95	
3) Book binding expenses	
304.50	
3276.79	
Field study programme & other local field study expenses:	
4035.59	
Maintenance of reference collection:	
5057.74	
164963.91	
Excess of income over expenditure carried over to Balance Sheet	
1350.92	
Total	Total
5460414.62	5460414.62

Sd/- C. V. KULKARNI,
Honorary Treasurer,
Bombay Natural History Society

Sd/- A. N. D. NANAVATI,
Honorary Secretary,
Bombay Natural History Society

Sd/- SALIM ALI,
President,
Bombay Natural History Society

As per our report of even date
HABIB & Co.,
Chartered Accountants.

BOMBAY, 15th October, 1982.

BOMBAY NATURAL HISTORY SOCIETY
NATURE EDUCATION SCHEME
RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1981

RECEIPTS	PAYMENTS
To Balance as at 1st January 1981:	
With Grindlays Bank Ltd., Bombay	
on Current Account	
With Nature Education Organiser	2289.08
	14943.90
	2755.30
	195.50
	854.25
” Grants:	
Govt. of Maharashtra for the	
year 1980-81	1331.05
” Sale of Nature Study Booklets:	
Advance from Bombay Natural	
History Society	6000.00
	200.00
	7531.05
Total	Total
28569.08	28569.08

Sd/- SALIM ALI, President, Bombay Natural History Society	Sd/- A. N. D. NANAVATI, Honorary Secretary, Bombay Natural History Society
Sd/- C. V. KULKARNI, Honorary Treasurer, Bombay Natural History Society	

As per our report of even date
HABIB & Co.,
Chartered Accountants.

BOMBAY, 15th October, 1982.

MINUTES OF THE ANNUAL GENERAL MEETING OF THE BOMBAY NATURAL HISTORY SOCIETY HELD AT BEST CONFERENCE HALL, COLABA, BOMBAY, ON MONDAY, THE 29TH NOVEMBER 1982, AT 6 P.M.

When the following were present:

1. Mr R. E. Hawkins (in the Chair)
2. Dr. P. J. Deoras
3. Dr. C. V. Kulkarni
4. Dr. Sálim Ali
5. Dr. A.N.D. Nanavati
6. Mr. S. D. Bhaumik
7. Mr. N. D. Mulla
8. Mr M. K. Mistry
9. Mr. M. D. Agharkar
10. Mr. H. K. Divekar
11. Mrs. P. Mukherjee
12. Mr. Humayun Abdulali
13. Mr. J. C. Daniel
14. Mr. V. K. Paralkar
15. Mr. Ashraf I. Macchiwalla
16. Mr. J. P. Irani
17. Mr Bansi Mehta
18. Mr. D. J. Panday
19. Mr. S. R. Nayak
20. Mr. K. N. Naoroji
21. Mr. S. G. Monga
22. Mr. R. Naoroji
23. Mr. Anil Dave
24. Mr. G. L. Kalro
25. Mr. Parvish Pandya
26. Mr. Ulhas Rane
27. Mr. Bittu Sahgal
28. Sanctuary Magazine
29. Mr. R. S. Moral
30. Mr. S. Mistry
31. Mr. Oswald Thayil
32. Miss Meena Haribal
33. Mr. M. R. Patel
34. Mr. G. R. Rege
35. Mr. F. A. Thakur
36. Miss Usha Ganguli
37. Mr. D. N. Goenka
38. Mr. Ramani N. M.
39. Mr. Suresh Bhatkal
40. Mr. Sam J. Bhacka
41. Mr. A. G. Puranik
42. Mr. K. S. Khambad Kone
43. Mr. M. Bharucha
44. Mr. Chandragupta Bhogilal Mehta
45. Mr. Dhun Mehta
46. Mr. Dilip Patil
47. Mr. D. P. Bannerjee
48. Mr. Hilla Mewavala
49. Mr. K. K. Vajifdar
50. Miss S. S. Driver
51. Mr. J. H. Thakkar
52. Mr. Chandrakant Wakankar

Dr Sálim Ali, President of the Society, proposed that Mr R. E. Hawkins take the Chair and conduct the proceedings of the Meeting. This was seconded by Mr. D. J. Panday.

1. The Chairman suggested that as the Honorary Secretary's main report had been previously circulated it was unnecessary to read it but questions could be raised about it after the Honorary Secretary's Supplementary Report. There was no objection to this suggestion.

2. Dr C. V. Kulkarni, the Honorary Treasurer, summarized the salient points of the accounts for the period covered by the meeting. Fortunately, he said, there is a surplus of Rs. 1350/-, after setting aside Rs. 38,000/- for enhanced salaries and dearness allowance,

Rs. 5000/- for medical assistance to the staff, Rs. 1,00,000/- for Centenary celebrations, Rs. 50,000/- for staff gratuity fund, and Rs. 10,000/- for the staff welfare fund. This surplus had been generated through various donations and overhead charges received from the projects which were being handled by the Society.

No questions were raised on the accounts, and the Chairman declared the Balance Sheet and Statement of Accounts for 1981 accepted.

3. Dr C. V. Kulkarni, the Honorary Treasurer, proposed that Messrs Habib & Co., the present auditors of the Society be reappointed on the same remuneration as before. This was seconded by Mr D. J. Panday and was accepted.

4. In his Supplementary Report for the period since January 1982 the Honorary Secretary stated that for the Avifauna Project an additional bird-ringing camp had been arranged at Harike in the Punjab and later would be additional camps in the Siwaliks, Nilgiris and other areas. For these we would welcome assistance from competent ornithologists and a notice to this effect would be circulated to members seeking their assistance.

In the Hydrobiology Project problems in regard to arranging accommodation and laboratory premises for the staff had arisen, as the old Palace quarters used for this purpose were now required for other purposes by the owner. These problems are being solved. Laboratory has been established and data collection is in progress in Bharatpur.

For the Endangered Species Project, the Honorary Secretary stated that two permanent study camps for conducting studies on the Great Indian Bustard have been opened — one at Solapur, Maharashtra, and the other at Karera, Madhya Pradesh. A preliminary survey of the Lesser Florican's habitat has

been initiated. On the status and populations of elephants a preliminary survey is being conducted in Chilla Sanctuary in Uttar Pradesh in addition to other areas, where work is in progress already.

As regards publications, he said that the second edition of S. D. Ripley's *A SYNOPSIS OF THE BIRDS OF INDIA AND PAKISTAN*, the second edition of N. L. Bor & M. B. Raizada's *SOME BEAUTIFUL INDIAN CLIMBERS AND SHRUBS*, and T. & P. Hodd's *GRASSES OF WESTERN INDIA* had been published. *THE BOOK OF INDIAN REPTILES*, by J. C. Daniel, is now in the press and is expected to be available in 1983. A selection of articles published in the Society's *Journal* over the years, under the title of *A CENTURY OF NATURAL HISTORY* is hoped to be ready well before the Centenary celebrations commence. However, the *ENCYCLOPEDIA OF INDIAN NATURAL HISTORY*, a second Centenary publication, may be delayed as some contributions are still outstanding. The Honorary Secretary also reported that the Society is concerned with the reproduction of coloured plates by John Henry Dick for a bird book to be published by the Oxford University Press.

The Honorary Secretary reported that he was in negotiation with the Maharashtra State Government for a piece of land suitable for the Society's proposed Institute. A proposal for the Institute had been sent to the Department of Environment in accordance with the decision taken at the Extraordinary General Body meeting held on 29th September 1982.

He explained that the Extraordinary General Body meeting planned for 29th October 1982 for amending the Society's constitution had had to be postponed as the day was (unexpectedly) declared a public holiday. He said

the meeting would be convened on a date to be notified.

For the Centenary Celebrations, a Seminar will be held from 15th to 19th September 1983. The subject of the seminar is CONSERVATION IN DEVELOPING COUNTRIES. A number of proposals from people who would speak on this occasion have been received. As soon as a synopsis of their talks is received from the participants they will be refereed by experts, mostly referees of the *Journal*. The last day, i.e. 19th September, of the seminar would be devoted for a general discussion of the proceedings and formulation of goals and, where necessary, recommendations to be put up to the Government.

An exhibition of the activities of the Society, including the activities under the various Research Projects, will be held along with a Snake exhibition around Diwali or Dassera, a few weeks after the Seminar, to sustain interest in the Society.

A Photographic Exhibition of wildlife photographs from India and the neighbouring countries will be arranged. It is proposed to limit entries to not more than 5 photographs for an entrant. It is also proposed to publish the best photographs in a commemorative volume. Suggestions and donations for the two exhibitions were invited from members.

On conclusion of the Honorary Secretary's supplementary report the Chairman invited members to ask questions and make comments.

Dr P. J. Deoras made the following suggestions: (1) A special issue of the *Journal* should be published on the occasion of the Centenary Celebrations, with articles on a given theme.

(2) That the papers presented at the Seminar on Conservation in Developing Countries, should not be concerned exclusively with bird ecology, migration and other ornithological items but with Conservation in its wider and

more general aspects.

(3) That a snake exhibition should be avoided because it results in killings snakes. The exhibition should concentrate on the collections at the Society. He was of the opinion that listing of the various taxa in the Society's collections, with their localities of collection, and comments on the status and details of collection, if published would be valuable for future workers. The exhibition should be designed to educate rather than to raise money. He desired that a committee be appointed to go into all these aspects, and exhorted the Committee to consider the opinion of the minority and not to go only by the opinion of the majority.

Dr Deoras also wanted to know whether the recovery of rings had first been statistically analysed before computerizing it.

Mrs. Phillippa Mukherjee then made her suggestions:

(1) She deplored the absence of Nature Education in the Secondary School Certificate syllabus, and exhorted the Society to take up the matter with the Government of Maharashtra with a view to correct this defect.

(2) While appreciating the excellent work done by the Society's Nature Education Organiser single-handedly Mrs Mukherjee said that funds ought to be found to expand the scheme, and extend it to a greater number of schools and institutions. She said the Rs. 3000/- or so now available for the Nature Education Scheme was ludicrously inadequate. She suggested a deputation should request the Educational authorities to change the Secondary School Certificate syllabus and introduce more natural history for the primary and secondary standards.

(3) She suggested that the Brains Trust sessions once held by the Society should be revived.

(4) She suggested that a larger Editorial Board should be constituted to assist the three Editors of the *Journal*.

(5) She suggested that much more attention should be paid to children's education. Exhibitions should be arranged for them and a Children's Corner organized in the *Hornbill*.

(6) She drew attention to the difficulties experienced by members and visitors to the Society is being directed to the right person to solve their problems. Mrs Mukherjee suggested that a person be appointed to attend to these needs efficiently.

Mr Humayun Abdulali then spoke:

(1) He deplored the poor cooperation he and his suggestions received from the Honorary Secretary and the Executive Committee. He said most of his letters did not reach the Executive Committee at all and were being either ignored or replied to by the Honorary Secretary.

(2) Mr Abdulali pointed out that an Advisory Committee has not yet been formed after the last elections, and the Society is without one at the time of the current Annual General Meeting.

(3) Mr Abdulali pointed out that though the late Dr C. D. Deshmukh was a member of the Society and served for quite some years on the Executive Committee of the Society, no condolence resolution had been passed by the Society's Executive Committee to mourn his death.

(4) Mr Abdulali pointed out that in spite of constant reminders indexes for nearly 15 volumes of the Society's *Journal* were not available up to now, the last being for Vol. 63.

(5) Mr Abdulali wanted to know the progress made in regard to computerizing of the bird ring recovery records.

(6) Mr Abdulali said that there had been a deliberate attempt at the Society to keep

Mr G. V. Bedekar's letter of resignation as a Vice-President from the Executive Committee, and that it was only because of his own efforts that it had been brought to the Executive Committee for discussion.

(7) Mr Abdulali deplored the non-availability of staff in the office when necessity arises. The experienced staff is being sent to the Projects, and the newcomers are unable to attend specific demands made by the members.

(8) Mr Abdulali pointed out that he had been asked to select some articles for the A CENTURY OF NATURAL HISTORY, and had made some selections but had heard nothing more. He felt he was entitled to know what progress had been made.

(9) He asked for information about the papers received for the proposed Centenary Seminar.

(10) Mr Abdulali pointed out that there had been no notice of the current Annual General Meeting in the local papers. He said that whenever a meeting or a film show was arranged jointly by the Society and the World Wildlife Fund, the role of the latter was noticed in papers while the Society's role was left unnoticed.

(11) Mr Abdulali suggested that short bi-data of candidates desiring to contest elections to the Society's Executive Committee should be circulated, and wished to propose a Resolution to this effect, but the Chairman ruled that the business of the meeting must be restricted to the Agenda and no resolutions could be considered.

(12) As an afterthought, Mr Abdulali referred to the resignation of Mr R. E. Hawkins as a Vice-President and alleged it was due to dissatisfaction with the conduct of the Society's affairs.

Mr M. D. Agharkar asked what progress had been made in our negotiations with the

Central Government regarding the proposed Institute of Ornithology.

In response to the remarks on the death of Dr C. D. Deshmukh, the Chairman ruled that this meeting record our appreciation of his unfailing helpfulness to the Society and our regrets on his demise and directed the Honorary Secretary to convey our condolences to the family.

The Honorary Secretary replied as follows:

To Dr Deoras: He stated that certain of the suggestions made were already being acted on, and the rest would be seriously considered.

To Mrs Mukherjee: He agreed entirely with her remarks on the Nature Education curriculum and the entirely inadequate financial support for Nature Education activities of the Society. He would do his best to implement her suggestions with support from other members.

Mr Abdulali's remarks referred to letters which had already been answered, as in the case of computer analysis. A digest of the preliminary analysis had been supplied to him, and he had been informed that 300 sheets of computer printout were available for study if he so desired. Further work on these lines, which is expensive, has been delayed until some of the fresh data from the projects, which is more complete and comprehensive, is also recorded. The Society's Advisory Committee has been formed, and he would inform Mr

Humayun Abdulali about the date of the meeting at which this was decided. The question of indexes has been discussed by the Executive Committee and decisions taken are being implemented. Regarding the staff going to the projects, he pointed out that we cannot deny our staff an opportunity to work on field projects, but whenever one of them was selected for project work, a replacement on the Government grant was appointed in his place. The new recruits were generally untrained and needed some time to learn the work. They could not be expected to answer queries as effectively as former workers who may have worked at the Society for years. There had been no attempt at suppression of Mr Abdulali's letters, but he was unable to place on the agenda letters in which facts were incorrectly stated.

The Honorary Secretary informed Mr Agharkar that the proposal for the Institute had been sent to the Department of Environment, but so far no response had been received from them.

Referring to the last remarks of Mr Abdulali, the Chairman said he had reached the age of 75, had been a Vice-Chairman of the Society for twelve years, and felt it was time for a change.

The meeting terminated with a vote of thanks to the Chair.